Apple IIe Card: How To Partition the Hard Drive (7/96)

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TOPIC ---

This article explains the steps needed to partition a hard disk for the IIe Card for the LC series, Performa 400 series, Performa 550, Quadra 605 and the Color Classic computers.

DISCUSSION --

Protecting the disks
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Before proceeding, lock the disks that came with the Apple IIe Card

- "IIe Installer Disk"
- "IIe Startup Disk"

Locking a disk protects its files from being changed or erased.

To lock a disk, slide the plastic tab on the back upper left-hand corner of the disk from the bottom to the top. When you can see through the hole, the disk is locked.

Reserving hard disk space for Apple IIe files
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You can use a portion of the hard disk connected to your Macintosh computer to store Apple IIe files. The hard disk can be built into the Macintosh or connected by a SCSI cable. The process of reserving part of the hard disk for Apple IIe files is called partitioning the hard disk.

Partitioning a hard disk completely erases all files stored on it. Before partitioning your hard disk, you must make backup copies of any files you want to keep. This section explains:

- Backing up the contents of your hard disk
- Creating an Apple IIe partition on your hard disk
- Restoring the original contents of your hard disk

Backing up your hard disk
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To back up your hard disk, follow the steps in this section. If you normally use
another method of backing up your files, such as copying them to another hard
disk or to a tape cartridge, you can use that method instead.

You do not need to back up your System Folder, because you have System disks.
You only need to backup things you have added to the System Folder. In addition,
you don't need to back up any applications that you have on original disks.

Performa Owners - Use the Apple Backup program that was installed on your
computer to perform your backup. Make sure that you backup your entire hard
drive, not just the System folder. Once you finish backing up with Apple Backup,
skip to the section "Partitioning Your Hard Disk".

Step 1

Turn on your Macintosh computer. If your computer is already on, quit any
programs you are running.

Step 2

Insert a blank 3.5-inch floppy disk into the built-in disk drive. If you see a
message asking if you want to initialize the disk, click Initialize. If you are
using an 800K disk, click Double-Sided.

Note:
If you are using PC Exchange, choose Macintosh 800K. Double-Sided does not
appear when you use PC Exchange.

Step 3

Copy your files and folders to the floppy disk. Drag each icon from your hard
disk to the floppy disk's icon until you get a message that the floppy disk is
full. Then eject the floppy disk and repeat the procedure until you've backed up
all the files you want to save.

Some folders may be too big to fit on floppy disks. If so, you can open the
folder and drag its contents one icon at a time to the floppy disk icon.

For more information about copying files and folders, see the manual that came
with your Macintosh computer.

Step 4

Label the disks so you can remember what is on them.

Partitioning your hard disk
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This section explains how to partition your hard disk using a program called
Apple HD SC Setup.

- The procedure described in this section sets aside 10 MB (megabytes) of space
for Apple IIe files. If you need a different amount, turn now to Appendix C.
"Creating Custom Partition", of the Apple IIe Card Owner's Guide. When you
finish, skip to the next section in this chapter, "Restoring the Contents of
the Hard Disk."

- Follow these steps to partition the hard disk:

WARNING:
Partitioning erases all information stored on your hard disk. To preserve your
information, see the previous section, "Backing Up Your Hard Disk".

Step 1

Turn off your Macintosh computer. Choose the Shut Down command from the Special
menu. You do not have to turn off the power.

Step 2

Insert the Disk Tools disk (from System 7 disks) into the built-in disk drive.
Performa owners - Use the Utilities disk in place of the Disk Tools Disk.

Step 3

Turn on the Macintosh. Click the Restart button if your Macintosh is already on;
otherwise, turn on the power.

Step 4

If necessary, open the Disk Tools or Utilities disk by double-clicking its icon.
The disk's window appears.

Step 5

Double-click the Apple HD SC Setup icon. The Set up program opens.

Step 6

If you have more than one hard disk, click the Drive button to select the one
that you want to partition.

Step 7

Click the Initialize button. A dialog box appears to confirm that you want to

erase your hard disk.

Step 8

Click Init in the dialog box. Once the initialization is complete, click the
Partition button. A dialog box appears to confirm that you want to erase your
hard disk.

Step 9

Click OK in the dialog box.

Step 10

Click "10 MB ProDOS, Maximum Macintosh", then click OK. The program takes a few
moments to partition the disk drive and then asks you to name the new Apple IIe
partition.

Step 11

Type a name and then click OK. The dialog box appears with a suggested name in
it. As soon as you start typing, the suggested name is replaced by what you
type.

You can give the new partition any legal ProDOS name, and you can use lowercase
letters. ProDOS names can not have any special characters, and they must begin
with a letter, as opposed to a number. The program does not let you continue if
you used an illegal name. The program informs you of any illegal names.

Step 12

Click Quit. You return to the regular desktop.

(NOTE: The new partition appears only after you reinstall the Macintosh system
software and then install the IIe Card software - see the following steps).

Reinstalling your System 7.x Software
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After completing the Partition, choose Restart from the Special menu. The
computer will turn on and you will see a disk with a flashing or blinking ?.

Insert the Install or Install Me First disk that came with your Macintosh
computer. When you get to the "Welcome to the Apple Installer" screen click OK.

Note:
Performa Owners - Use the Utilities Disk and the Apple Restore application to
place the software on your computer.

Make sure that your Macintosh hard disk is selected (if not, click the Drive
button) and then click Install. Follow the computer's directions.

When the computer has finished installing system software you will see "The

installation has been successfully completed". Click Quit and then click
Restart.

Installing your IIe Card Software
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After the computer has restarted insert the "IIe Installer Disk".

If needed, double-click on the disk icon. Then double-click on the "Installer"
icon.

When you get the message that the "Installation was successfully completed"
click Quit and Restart."

After restart, the Apple IIe partition mounts on the desktop.

Article Change History:
09 Jul 1996 - Removed keyword no longer a fax document.
28 Jun 1996 - Updated text format in step 12; added statement to last
              section to indicate point the IIE partition mounts.
24 Feb 1995 - Updated format and corrected note in Reserving Space.

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